

# **MINE INSPECTION REPORT Q1 2007**

## **January thru March 2007**

### **Carlisle Mine, Sunrise Coal Company**

Inspection date: 2/1/07 (day shift inspection)

Areas inspected: Slope belt and unit belt lines. Unit #1 face areas, roof bolters, power center, mining cycle, mine record books, intake escapeway to upcast, and surface equipment.

#### Findings:

1. Transformer high line cable on unit #1 needed additional guarding. Law violated: 22-10-10-4 Sec 4(d) 3.
2. #966 cat endloader needs engine and center section cleaned. Law violated: 22-10-10-13 (d).
3. #1 road grader needs guards on engine compartment. Law violated: 22-10-10-13 (a) & (d).

#### Corrective action taken:

All violations were noted by management and were being corrected. The mine was in good operating condition and the mine site overall was in good shape.

#### Number of LTAs:

The mine had four LTAs, no fatalities. There were three back injuries and one eye injury. The men were instructed on proper lifting and shoveling procedures and due to the eye injury, protective eye wear must be worn at all times on the mine site. None of these injuries were life threatening.

### **Francisco Mine, Black Beauty Coal Company**

Inspection date: 2/6/07 (day shift inspection)

Areas inspected: Main south belt, south east belt, south west A belt, south west B belt, south east sub main belt, unit #1, all belt transformers, face areas, spot-checked section equipment, mine record books, secondary escapeway from unit #1 to bottom.

#### Findings:

1. South east belt needed top scaled down at #10 x-cut and additional support added at intake mandoor. Law violated: 22-10-5-2 (d)
2. South west A belt between #6 and #7 x-cut BO bottom roller needed replace. Law violated: 22-10-11-4 (n).
3. South west belt take-up needed more rock dust at take-up area. Law violated: 22-10-10-13 (d)
4. Scraper at south west B tail needed cleaned. Law violated: 22-10-11-4 (n).

#### Corrective action taken:

BO roller was taken out of service, scraper was cleaned, roof was scaled down and supported, and rock dust was put at belt take-up. All violations were corrected and mine is in excellent condition.

There were no LTAs and no fatalities.

## **Freelandville Mine, Triad Coal Company**

Inspection dates: 1/8/07 (dayshift) and 2/21/07 (afternoon shift)

Areas inspected 1/8/07: #1 prep plant, #2 prep plant, all transfer points, surface equipment, walkways, loadout points, shop area, mine records.

Areas inspected 2/21/07: 1<sup>st</sup> west belt head and tail, 1<sup>st</sup> main north west belt head and tail, 2<sup>nd</sup> main north west belt head and tail, 2<sup>nd</sup> main west belt, 1<sup>st</sup> south belt, mine records, west panel unit, secondary escapeway from west panel to bottom.

Findings: 1/8/07

1. No inspection tag on extinguisher at surface oil storage tank: Law violated: 22-10-12-2 sec 2.
2. #51 Bobcat headlight and tail light out and needed cleaned. Law violated: 22-10-10-11 (a) & 22-10-4-4.
3. All three surface endloaders needed guarding on engine compartments. Law violated: 22-10-10-13. Crusher deck #1 plant needed cleaned. Law violated: 22-10-4-4.
4. #2 plant feed belt structure needed cleaned. Law violated 22-10-4-4.
5. #1 plant feed belt head shaft needed guarded. Law violated: 22-10-10-14.
6. #2 plant transfer belt needed head roller bearing guarded: Law violated 22-10-10-14.
7. Surface area needed general clean up. Law violated: 22-10-4-4.

Corrective action taken:

#51 bobcat lights were repaired and machine cleaned. Guards were replaced on all endloaders. All other violations were noted and corrected.

Findings: 2/21/07

1. 1<sup>st</sup> main north #2 x-cut needed insulating mat at belt transformer. Law violated: 22-10-10-6(e).
2. #3 transformer 2<sup>nd</sup> main north west fire extinguisher tag not updated. Law violated: 22-10-12-2 sec 2.
3. #1 Scoop on west panel had no locking device on battery connection. Law violated 22-10-10-13.
4. #1 and #2 miners on west unit panel needed methane monitors calibrated. Law violated 22-10-10-13.

Corrective action taken:

Insulating mats were installed at 1<sup>st</sup> main west belt transformer. Fire extinguisher tag was updated. Locking device was put on battery connection. #1 and #2 miner methane monitors were calibrated.

There were no LTAs and no fatalities.

## **Prosperity Mine, Five Star Coal Company**

Inspection dates: 1/18/07 (dayshift) and 2/20/07 (afternoon shift)

Areas inspected 1/18/07: Slope belt from mine mouth to raw coal tunnel, raw coal belt, raw coal tunnel, rotary belt and scalping screen, plant feed belt, surface equipment, clean coal belt, clean coal stacking belt, fines belt, prep plant, mine record books.

Areas inspected 2/20/07: Main east head, 1<sup>st</sup> north #1 head, 1st north #2 head, 1<sup>st</sup> west #1 head, 2<sup>nd</sup> west #1 head, Unit #1, Unit #4, secondary escapeway from Unit #1 and Unit #4, #2 west #1 belt, #1 west #4 belt, and #1 west #5 belt. Mine record books.

Findings: 1/18/07

1. Plant feed belt tail area needed cleaned: Law violated: 22-10-4-4.
2. Slope belt from outside drive area to raw coal belt, structure needed cleaned. Law violated: 22-10-4-1 (b).
3. Head of slope belt and tail of raw coal belt structures needed cleaned. Law violated: 22-10-4-1 (b).
4. Walkways on slope and raw coal belt needed cleaned. Law violated: 22-10-4-3(b).
5. Fire extinguisher at head of slope belt by hyd. Unit no inspection tag. Law violated: 22-10-12-2 sec 2.
6. Need fire extinguisher at scalping screen deck. Law violated: 22-10-12-2 sec 2.
7. ML #4 endloader needs cover on engine compartment left side of machine. Law violated: 22-10-10-13.
8. D-10 dozer needs guard on engine compartment. Law violated: 22-10-10-13.
9. Take-up area on clean coal belt needed cleaned. Law violated 22-10-4-4.
10. Take-up at train loadout belt needed cleaned. Law violated: 22-10-4-4.

Findings: 2/20/07

1. Head of main east #1 needed cleaned. Law violated 22-10-8-1 (a).
2. Inby 1<sup>st</sup> west #5 head coal spill needed cleaned. Law violated: 22-10-8-1(a).
3. #9 pinner on unit #1 methane monitor needed calibrated. Law violated: 22-10-10-13.
4. #4 and #11 methane monitors needed calibrated. Law violated 22-10-10-13 (d).
5. All power units needed insulated mats. Law violated: 22-10-10-13 (d).

Corrective action taken:

Main east head was cleaned. 1<sup>st</sup> west #5 head was cleaned. #9 pinner's methane monitor was calibrated. #4 and #11 pinner methane monitors were calibrated. All power centers and switching places insulated mats were installed. All violations were noted and being attended to.

There were no LTAs and no fatalities.

### **Hazleton Mine, White River Coal Company**

Inspection dates: 1/23/07 (dayshift) and 2/19/07 (afternoon shift)

Areas inspected 1/23/07: Prep plant, raw coal belt, plant feed belt, shop area, stacking belts, surface equipment, MCC rooms, mine record books.

Areas inspected 2/19/07: Main west belt, main north belt, 1<sup>st</sup> east belt, 1<sup>st</sup> north belt, secondary escapeway from 1<sup>st</sup> north to bottom, unit 1 north, mine record books.

Findings: 1/23/07

1. Shop facility needs more lighting. Law violated; 22-10-4-5.
2. Sec 4a belt house needed cleaned. Law violated 22-10-4-1 (b).
3. No inspection tag on shop area fire extinguisher. Law violated 22-10-12-2 sec 2.
4. L-90 E Volvo had BO fire extinguisher. Law violated: 22-10-10-13(d).
5. L180 E endloader, rt. head light was out. Law violated 2-10-10-13(d).
6. #71-0008 haul truck had no tail lights, no back up alarm, no high beams, fire extinguisher tag not up dated, needed step on operators cab replace. Law violated: 22-10-10-13(d).

7. #848 haul truck had no back alarm, no horn, no tail lights, no fire extinguisher. Law violated 22-10-10-13(d).
8. #512 haul truck no brake or tail lights, and need step for operators cab replaced. Law violated: 22-10-10-13 (d).

Findings: 2/19/07

1. Inadequate ventilation on 1<sup>st</sup> north unit in last open crosscut. Law violated 22-10-7-3 sec 3 (a) #1.
2. Section transformer and outby power units need insulated mats at switch points. Law violated: 22-10-10-6 (e).
3. #1 haulage truck no back alarm or back up light. Law violated: 22-10-10-13 sec 13 (d).

Corrective action taken:

Fire extinguishers were replaced. Haul trucks were taken out of service and repaired. Ventilation was corrected on unit, miner was shut down until corrections were made and ventilation was restored to the requirements of the law. Coal spills were cleaned. Insulating mats were installed. All violations were noted by company personnel and were being attended.

There were no LTAs and no fatalities.

### **Gibson Mine, Gibson Coal Company**

Inspection dates: 1/10/07 (dayshift) and 3/1/07 (dayshift)

Areas inspected 1/10/07: Prep plant, slope head house, raw coal belt, raw coal stacker, raw coal silo, plant feed belt, rotary breaker belt, #753 bobcat, raw coal tunnel belt, raw coal tunnel, clean coal tunnel, clean coal tunnel belt, loadout belt, loadout headhouse, general surface area.

Areas inspected 3/1/07: 1<sup>st</sup> 54 north head, tail, and drive, 1<sup>st</sup> 48 head, tail and drive area, 2<sup>nd</sup> 48 belt, 4 west belt, 1<sup>st</sup> 42<sup>nd</sup> south belt, 2a belt, unit #2 and # 6, belt transformers, secondary escapeway from unit # 2 and # 6, mine record books.

Findings: 1/10/07

1. Slope headhouse oxygen and acetylene tanks not secured. Law violation: 22-10-4-4.
2. #1 raw coal stacker head no inspection tag on fire extinguisher: Law violation 22-10-12-2.
3. Scrapper area at mouth of raw coal belt needed coal cleaned. Law violation: 22-10-4-4.
4. Need fire extinguisher at rotary breaker house. Law violation: 22-10-2-2.
5. #753 bobcat needs rt. front light housing replaced and light bulb changed and rt. hand rear light lens replaced. Law violation: 22-10-10-13.

Findings: 3/1/07

1. 1<sup>st</sup> 54 head needed trash removed. Law violation: 22-10-8-1.
2. South side of 2<sup>nd</sup> 48 take-up needed rib pulled down and walkway made safe: Law violation: 22-10-5-2 sec 2 (e).
3. 3<sup>rd</sup> 48 take-up area south side of belt walkway needed cleaned. Law violated: 22-10-5-2 sec 2 (e).
4. 3<sup>rd</sup> 48 belt needs aligned from x-cut 118 to x-cut 130, and from #167 x-cut to tail. Law violated: 22-10-10-13 sec 13 (d).
5. 3<sup>rd</sup> north 48 belt needs rockdusted head to tail. Law violated: 22-10-8-2 sec 2 (c).
6. 4 west belt control box needs insulated mat at switches. Law violated: 22-10-10-14 sec 14 (a) 2.

Corrective action taken:

Tanks were secured and trash removed. Area with bad rib was secured and made safe. Walkway was cleaned. Rubber mat was installed. All violations were noted and were being attended to in a safe and expedient manner.

There were no LTAs and no fatalities.

### **Air Quality #1 Mine, Black Beauty Coal Company**

Inspection dates: 1/4/07 (dayshift), 1/5/07 (dayshift) and 2/26/07 (afternoon shift)

Areas inspected 1/4/07: Wheatland prep plant, slope belt, #1 belt, #2 belt, #3 belt, draw tunnel belt, raw coal belt, clean coal belt, slope tipple, refuse belt, refuse bin, shop, equipment, mine records.

Areas inspected 1/5/07: South portal prep plant, raw coal stacker belt, raw coal tunnel belt, plant feed belt, clean coal tunnel belt, clean coal stacker belt, mud belt, refuse belt clean coal tunnel, raw coal tunnel, loadout headhouses, fines belt, transfer belt.

Areas inspected 2/26/07: 4 main north a, 3 west tail, 4a head and tail, 4b head and tail, 4c belt, 4 west a head and tail, 4 west b head and tail, 5b belt Unit #4, Unit #5, secondary escapeway from Unit #4 to bottom and #5 to bottom. Belt transformers for all belts mentioned above. Battery stations on Unit #3 and #4.

#### **Findings: 1/4/07**

1. #2 belt structure needed cleaned. Law violated 22-10-4-4.
2. #1 belt needs cleaned underneath head. Law violated: 22-10-4-4.
3. Bottom of #3 belt junction box needed secures. Law violated 22-10-10-1.
4. Belly pan on slope belt needs cleaned. Law violated 22-10-4-4.
5. Fines belt room hyd unit needs cleaned. Law violated 22-10-4-4.
6. Draw tunnel at mouth needs cleaned underneath and also walkway needs cleaned. Law violated: 22-10-4-3b.
7. Draw tunnel belt take-up needs cleaned. Law violated: 22-10-4-4.
8. Plant feed belt belly pan needs cleaned. Law violated: 22-10-4-4.

#### **Findings: 1/5/07**

1. Clean coal tunnel belt needs cleaned. Law violated 22-10-4-4.
2. Truck Loadout area needs cleaned. Law violated 22-10-4-4.
3. Hyd unit in mud headhouse needs cleaned. Law violated: 22-10-4-4.
4. Walkways to mud bin need cleaned. Law violated: 22-10-4-4.
5. Fines belt head and tail structure needs cleaned. Law violated: 22-10-4-4.
6. Transfer belt in plant needs belly pan cleaned. Law violated: 22-10-4-4.
7. Plant feed belt top rollers need coal cleaned away from them. Law violated: 22-10-4-4.

#### **Findings: 2/26/07**

1. 4 main west north a at 3 west c tail, roller needs coal cleaned away from it. Law violated: 22-10-8-1 sec 1 (a).
2. Belt guard at 4A belt inby head needs re-hung. Law violated 22-10-10-14 sec14 (2).
3. 4A belt transformer ID 024070 needs insulated mat placed at 12,470 volt input plug. Law violated: 22-10-10-6 sec 6 (e).
4. Battery stations on Unit #4 and Unit #3 need trash and used material removed from mine. Law violated: 22-10-10-3.

Corrective action taken:

Roller was cleaned at 4 west main north tail and 3 west c tail. Belt guard was re-hung at 4a belt. Rubber mat was put at transformer ID #024070. Battery stations on #3 and #4 units were being cleaned. At prep plant installations all violations were noted and were being attended to and corrected.

There were no LTAs and no fatalities.

### **Wheatland Rail Site, Solar Sources Coal Company**

Inspection date: 3/21/07

Areas inspected: Shop area, record books loadout belt, loadout tunnel, loadout control room, MCC room, bin room, and hydraulic areas, truck loadout belt, crossover belt, all head houses, truck loadout tunnel, and equipment.

#### **Findings:**

1. Unsecured oxygen bottle in shop area. Law violated: 22-10-4-4.
2. Worker not wearing hardhat while on job. Law violated: 22-10-11-8 (a).

#### **Corrective action taken:**

Oxygen bottle was secured. Worker put on hard hat. Mine site was in excellent condition and well maintained.

There were no LTAs at this site.

Deputy Commissioner  
Bureau of Mines  
Don McCorkle